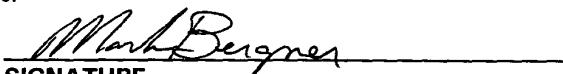


400 Rec'd PCT/PTO 07 FEB 2001

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| FORM PTO-1390 REV. 5-93 | | US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEYS DOCKET NUMBER P01,0008 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 09/762508 | |
| INTERNATIONAL APPLICATION NO. PCT/DE99/02590 | INTERNATIONAL FILING DATE 18 AUGUST 1999 | PRIORITY DATE CLAIMED 20 AUGUST 1998 | |
| TITLE OF INVENTION THERMAL WAVE MEASURING METHOD | | | |
| APPLICANT(S) FOR DO/EO/US JOACHIM BAUMANN ET AL. | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | |
| <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay.</p> <p>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of International Application as filed (35 U.S.C. 371(c)(2)) - drawings attached.</p> <ol style="list-style-type: none"><input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).<input type="checkbox"/> has been transmitted by the International Bureau.<input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) <p>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)) - drawings attached.</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3))</p> <ol style="list-style-type: none"><input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).<input type="checkbox"/> have been transmitted by the International Bureau.<input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.<input checked="" type="checkbox"/> have not been made and will not be made. <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11. to 16. below concern other document(s) or information included:</p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; (PTO 1449, Prior Art, Search Report, 10 References).</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. (SEE ATTACHED ENVELOPE)</p> <p>13. <input checked="" type="checkbox"/> Amendment "A" Prior to Action and Appendix "A". <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> A substitute specification and substitute specification mark-up.</p> <p>15. <input checked="" type="checkbox"/> A change of address letter attached to the Declaration.</p> <p>16. <input checked="" type="checkbox"/> Other items or information: a. <input checked="" type="checkbox"/> Appointment of Associate Power of Attorney b. <input checked="" type="checkbox"/> EXPRESS MAIL #EL655300814US dated February 7, 2001.</p> | | | |

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| U.S. APPLICATION NO. [Unknown, see 37 C.F.R. 1.1(e)] 097762503 | INTERNATIONAL APPLICATION NO. PCT/DE99/02590 | ATTORNEY'S DOCKET NUMBER 0008 |
| 17. <input checked="" type="checkbox"/> The following fees are submitted: | | CALCULATIONS PTO USE ONLY |
| BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5): Search Report has been prepared by the EPO or JPO \$860.00 International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) .. \$690.00 No international preliminary examination fee paid to USPTO (37 C.F.R. 1.482) but international search fee paid to USPTO (37 C.F.R. 1.445(a)(2)) \$710.00 Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO \$1000.00 International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$ 100.00 | | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | \$ 860.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)). | | \$ |
| Claims | Number Filed | Number Extra |
| Total Claims | 10 - 20 = | 0 X \$ 18.00 |
| Independent Claims | 01 - 3 = | 0 X \$ 80.00 |
| Multiple Dependent Claims | | \$270.00 + |
| TOTAL OF ABOVE CALCULATIONS = | | \$ 860.00 |
| Reduction by ½ for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28) | | \$ |
| SUBTOTAL = | | \$ 860.00 |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | \$ + |
| TOTAL NATIONAL FEE = | | \$ 860.00 |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property | | \$ + |
| TOTAL FEES ENCLOSED = | | \$ 860.00 |
| | | Amount to be refunded |
| | | charged |
| a. <input checked="" type="checkbox"/> A check in the amount of <u>\$ 860.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1519</u> . A duplicate copy of this sheet is enclosed. NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | |
| SEND ALL CORRESPONDENCE TO: SCHIFF HARDIN & WAITE PATENT DEPARTMENT 6600 Sears Tower 233 South Wacker Drive Chicago, Illinois 60606-6473 | |  SIGNATURE Mark Bergner NAME |
| CUSTOMER NUMBER 26574 | | 45,877 Registration Number |

JC04 R PCT/PTO 07 FEB 2001

CERTIFICATE OF MAILING BY EXPRESS MAIL 09 / 762508

Express Mail Mailing Lab | Number EL655300814US

Date of Deposit: FEBRUARY 7, 2001

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 CFR 1.10(c) on the date indicated above and is addressed to:

**BOX PCT
Assistant Commissioner for Patents
Washington DC 20231**

Case Number: P01,0008
Applicant(s): JOACHIM BAUMANN ET AL.

International Application No. PCT/DE99/02590
International Filing Date 18 AUGUST 1999
Priority Date Claimed 20 AUGUST 1998

Title: **THERMAL WAVE MEASURING METHOD**

Enclosed are the following documents:

International application as filed, drawings attached;
English Translation;

Executed Declaration;
Change of Address form for Applicants' Representative;

PTO 1390 in duplicate;
Amendment "A" prior to action and Appendix "A";

Appointment of Associate Power of Attorney;

Substitute Specification and Substitute Specification mark-up;

Fee: \$860.00;
Postcard.

(See attached envelope for Executed Assignment;
PTO 1595; \$40.00 filing fee; Postcard)

In Gardner
Signature of person mailing documents and fees

Siemens AG
New PCT application
P-01,0008
1998P02379WOUS
Inventor: Baumann et al.

Translation / January 26, 2001 / 1696(911) / 2340 words